

Claim Listing

1.-24. (Canceled).

25. (Previously Amended.) A method for protecting a material from tick or cockroach infestation, comprising treating the material with an effective amount of a compound selected from the group consisting of zizanol, and bicyclovetivenol, wherein the treated material repels ticks or cockroaches substantially more than does an otherwise identical material that has not been treated with the compound.

26. (Original) A method as in Claim 25, wherein the treated material repels ticks.

27. (Canceled.)

28. (Original) A method as in Claim 25, wherein the material is selected from a group consisting of soil, synthetic polymers, diatomaceous earth, sand, and cellulose-containing materials.

29. (Canceled.)

30. (Canceled.)

31. (Original) A method as in Claim 25, wherein the compound is zizanol.
32. (Original) A method as in Claim 25, wherein the compound is bicyclovetivenol.
33. (Original) A method as in Claim 25, additionally comprising treating the material with one or more additional, different compounds selected from the group consisting of nootkatone, α -cedrene, zizanol, and bicyclovetivenol.
34. - 46. Canceled.
47. (Previously amended) A method to protect the skin or fur of a mammal against ticks, said method comprising topically applying to the skin or fur a composition comprising an effective amount of a compound selected from the group consisting of zizanol and bicyclovetivenol, and a pharmaceutically accepted carrier, wherein said composition when applied topically repels or kills ticks substantially more than does an otherwise identical composition that lacks the compound.
48. (Canceled.)
49. (Canceled.)

50. (Canceled.)

51. (Previously amended) A method as in Claim 47, wherein said compound is zizanol.

52. (Previously amended) A method as in Claim 47, wherein said compound is bicyclovetivenol.

53. (Canceled.)

54. (Previously amended) A method as in Claim 47, additionally comprising a composition with a one or more additional, different compounds selected from the group consisting of nootkatone, α -cedrene, zizanol and bicyclovetivenol.

55. - 74. Canceled.

75. (Previously added) A method as in Claim 25, wherein the treated material repels cockroaches.

76. (Canceled)

77. (Canceled).

78. (Canceled)

79. (Previously Added) A method for protecting a material from cockroach infestation, comprising treating the material with an effective amount of α -cedrene, wherein the treated material repels cockroaches substantially more than does an otherwise identical material that has not been treated with α -cedrene.

80. (Previously Added) A method as in Claim 79, wherein the material is selected from a group consisting of soil, synthetic polymers, diatomaceous earth, sand, and cellulose-containing materials.

81. (Previously Added) A method as in Claim 79, additionally comprising treating the material with one or more additional, different compounds selected from the group consisting of nootkatone, α -cedrene, zizanol, and bicyclovetivenol.